

10/050373

Form PTO-1412		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCK N222-100A		SERIAL NO 10-050373	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Carter S. Schuyler et al.		FILING DATE January 15, 2002	
				GROUP 2813			
U.S. PATENT DOCUMENTS							
Examination Status	Class	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
AA	5,527,594	11/17/98	Anderson et al.				
AB	US 6,450,116 B1	09/17/02	Noble et al.				
AC	4,603,447	08/12/94	Brown et al.				
AD	US 6,207,546 B1	03/27/01	Ma et al.				
AE	5,537,592	11/17/98	Cheng et al.				
AF	5,134,354	08/02/91	Lee et al.				
AG	US 6,297,162 B1	10/02/01	Jang et al.				
AH	US 6,436,771 B1	08/20/02	Jang et al.				
AI							
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FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
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OTHER REFERENCES (including Author, Title, Date, Page No., Etc.)							
AR							
AS							
AT							
EXAMINER Hanna Schuyler				DATE CONSIDERED 12/16/03			
*EXAMINER: Initial or reference considered whether or not claim is in compliance with MPEP 209. Draw line through column if not in compliance and not considered. Include copy of this form with next communication to applicant.							

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LIST OF ART CITED BY APPLICANT  
(Use several sheets if necessary)APPLICANT  
Gurel S. Sandhu et al.FILING DATE  
January 15, 2002GROUP  
2813

## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
AK	AA	6,171,900 B1	01/01	Sun	—	—	
	AB						
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## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
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## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

hanna schuley

DATE CONSIDERED

4/27/04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
MI22-1896

SERIAL NO.  
10/050,373

LIST OF REFERENCES BY APPLICANT  
(Use several sheets if necessary)

APPLICANT: Gurtej S. Sandhu, et al.

FILING DATE  
January 15, 2002

GROUP  
2813

U.S. PATENT DOCUMENTS

Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
AK	AA	3,627,598	12/1971	McDonald, et al.			
AK	AB	4,254,161	03/1981	Kemlage			
AK	AC	4,262,631	04/1981	Kubacki			
AK	AD	4,435,447	03/1984	Ito, et al.			
AK	AE	4,882,649	11/1989	Chen, et al.			
AK	AF	4,891,684	01/1990	Nishioka, et al.			
AK	AG	4,980,307	12/1990	Ito, et al.			
AK	AH	4,996,081	02/1991	Eltul, et al.			
AK	AI	5,051,794	09/1991	Mori			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
AK	AJ	EP 0886308 A2	12/1998	Europe				
AK	AK	237243 a	04/2001	Japan (ASM America, Inc.)				

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AK	AM	Wolf, Stanley, "Silicon Processing for the VLSI Era, Volume 3: The Submicron Mosfet", Lattice Press, 1995, pages 648-9.
		Laughery, et al, "Effect of H <sub>2</sub> Content on Reliability of Ultrathin <i>In-Situ</i> Steam Generated (ISSG) SiO <sub>2</sub> . IEEE Electron Device Letters, September, 2000, Volume 21, No. 9.
	AN	
	AO	

EXAMINER  
hooja  
schubert

DATE CONSIDERED  
11/05/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449

**U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE**

**ATTY. DOCKET NO.**  
M122-1896

**SERIAL NO.**  
10/050,373

**APPLICANT:** Gunej S. Sandhu, et al.

**FILING DATE**  
January 15, 2002

**GROUP**  
2813

**U.S. PATENT DOCUMENTS**

Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>RL</i>	AA	5,142,438	08/1992	Reinberg, et al.			
<i>RL</i>	AB	5,227,651	07/1993	Kim, et al.			
<i>RL</i>	AC	5,237,188	08/1993	Iwai, et al.			
<i>RL</i>	AD	5,324,679	06/1994	Kim, et al.			
<i>RL</i>	AE	5,330,936	07/1994	Ishitani			
<i>RL</i>	AF	5,350,707	09/1994	Ko, et al.			
<i>RL</i>	AG	5,376,593	12/1994	Sandhu, et al.			
<i>RL</i>	AH	5,393,702	02/1995	Yang, et al.			
<i>RL</i>	AI	5,397,748	03/1995	Watanabe, et al.			

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclass	Translation	
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**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)**

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<del>AD</del>			

**EXAMINER**  
*W. J. Schaefer*

**DATE CONSIDERED**  
11/25/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

**U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE**

**ATTY. DOCKET NO.**  
MI22-1896

**SERIAL NO.**  
10/050,373

**APPLICANT:** Gurtej S. Sandhu, et al.

**FILING DATE**  
January 15, 2002

**GROUP**  
2813

**LIST OF ART CITED BY APPLICANT**  
(Use additional sheets if necessary)

**U.S. PATENT DOCUMENTS**

Examiner's Initials	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
Jle	AA	5,398,641	03/1995	Shih		
	AB	5,459,105	10/1995	Matsuura		
	AC	5,498,890	03/1996	Kim, et al.		
	AD	5,504,029	04/1996	Murata, et al.		
	AE	5,508,542	04/1996	Geiss, et al.		
	AF	5,523,596	06/1996	Ohl, et al.		
	AG	5,731,235	03/1998	Srinivasan, et al.		
	AH	5,821,142	10/1998	Sung, et al.		
Jlu	AI	5,844,771	12/1998	Graettinger, et al.		

**FOREIGN PATENT DOCUMENTS**

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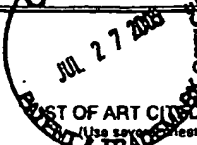
**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)**

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11/05/05

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Form PTO-1449		 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. M122-1896		SERIAL NO. 10/050,373	
PRIOR ART CITED BY APPLICANT <small>(Use separate sheets if necessary)</small>					APPLICANT: Gurtej S. Sandhu, et al.			
					FILING DATE January 15, 2002		GROUP 2813	

U.S. PATENT DOCUMENTS							
Examiner's Initials	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate	
  	AA	5,851,603	12/1998	Tsai, et al.			
	AB	5,882,978	03/1999	Srinivasan, et al.			
	AC	6,001,741	12/1999	Alers			
	AD	6,001,748	12/1999	Tanaka			
	AE	6,008,104	12/1999	Schrems			
	AF	6,051,865	04/2000	Gardner, et al.			
	AG	6,063,713	06/2000	Doan			
	AH	6,077,754	06/2000	Srinivasan, et al.			
	AI	6,090,597	08/2000	Tsu, et al.			

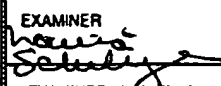
  

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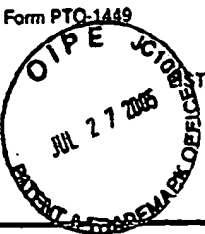
  

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)		
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EXAMINER 	DATE CONSIDERED 11/25/05
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Form PTO-1449 		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. M22-1898		SERIAL NO. 10/050,373	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT: Gurtej S. Sandhu, et al.			
FILING DATE January 15, 2002				GROUP 2813			

U.S. PATENT DOCUMENTS							
Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<div style="font-size: 2em;"> </div>	AA	6,111,744	08/2000	Doan			
	AB	6,166,980	01/2001	Yamazaki, et al.			
	AC	6,207,985 B1	03/2001	Walker			
	AD	6,323,138 B1	11/2001	Doan			
	AE	6,348,420 B1	02/2002	Raaijmakers, et al.			
	AF	6,265,327	07/2001	Kobayashi, et al.			
	AG	6,350,707 B1	02/2002	Liu, et al.			
	AH	6,723,599 B2	04/2004	Eppich, et al.			
<div style="font-size: 2em;"> </div>	AI	6,893,981 B2	05/2005	Park, et al.			

FOREIGN PATENT DOCUMENTS								
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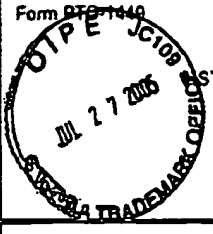
  

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
  

EXAMINER <i>hawa</i> <i>Schulz</i>	DATE CONSIDERED <i>11/25/05</i>
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Form <del>PTO-1440</del> 		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. M122-1896		SERIAL NO. 10/050,373	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT: Gurtej S. Sandhu, et al.			
FILING DATE January 15, 2002				GROUP 2813			

U.S. PATENT DOCUMENTS							
Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	09/653,281	08/2000	Beaman, et al.	—	—	
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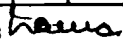
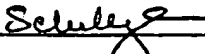
  

FOREIGN PATENT DOCUMENTS								
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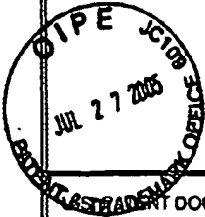
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Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
MI22-1896SERIAL NO.  
10/050,373LIST OF ART CITED BY APPLICANT  
(Use several sheets if necessary)

APPLICANT: Gurtej S. Sandhu, et al.

FILING DATE  
January 15, 2002GROUP  
2813

## PATENT DOCUMENTS

Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>He</i>	AA	2001/0036752	11/2001	DeBoer, et al.	—	—	
	AB	2002/0009861	08/1998	Narwankar, et al.	—	—	
<i>He</i>	AC	2002/0052124	05/2002	Raaijmakers, et al.	—	—	
<i>He</i>	AD	2003/0034518A1	02/2003	Yoshikawa	—	—	
	AE						
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## FOREIGN PATENT DOCUMENTS

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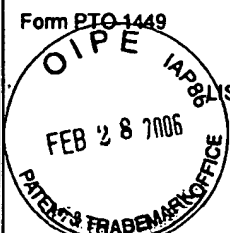
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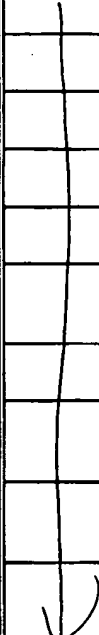

DATE CONSIDERED

11/25/05

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LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT: Gurtej S. Sandhu, et al.			
FILING DATE January 15, 2002				ART GROUP 2813			

U.S. PATENT DOCUMENTS							
Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
  	AA	5,897,354	04/99	Kachelmeier, Mark T.			
	AB	5,920,779	07/99	Sun, et al.			
	AC	5,969,397	10/99	Grider, III, et al.			
	AD	5,981,366	11/99	Koyama, et al.			
	AE	6,040,249	03/00	Holloway			
	AF	6,087,236	07/00	Chau, et al.			
	AG	6,150,266 (MI22-810)	11/00	Reinberg			
	AH	6,245,616 B1	06/01	Buchanan, et al.			
	AI	6,875,707 (MI22-2304)	04/05	Moore, et al.			
	AJ	6,878,585 (MI22-1776)	04/05	Moore, et al.			
	AK	6,891,215 (MI22-2305)	05/05	Moore, et al.			
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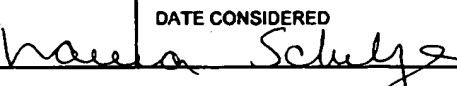
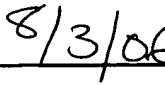
  

FOREIGN PATENT DOCUMENTS							
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)	
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EXAMINER	DATE CONSIDERED	
		

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